

--1. (amended three times) An extruded polymeric article comprised of a polymeric matrix and polymeric particles which are substantially spherical, highly crosslinked, have a mean particle size of between 35 to 60 micrometers and have a particle size distribution between 10-110 micrometers wherein the article has [a frosted appearance or a surface textured finish or]

a) a [frosted appearance] Haze number as determined by ASTM D103 of at least 90%,

b) an opacity as determined by ASTM D20805-80 of at least 10%, [and]

c) a minimum surface roughness of 0.5 um to 30 um as measured using ASTM methods B46.11 B361.2 and Y14.36 [surface textured finish] and

d) a Total White Light Transmission of greater than 78.9 as determined by a Hunterlab colorimeter D25 model using ASTM E1331 and ASTM E1163,

wherein said determinations are made using an 0.125 inch thick extruded sheet comprised of the polymeric matrix and polymeric particles.--

--12. (amended three times) A resin comprised of:

a) 20 - 90% by weight, matrix comprised of polymethyl methacrylate;

b) 5 - 50% by weight, modifiers; and

c) 5 - 60% by weight, highly crosslinked spherical polymeric particles comprised of 10- 50% by weight, styrene 90 - 50% by weight, methyl 0.1 - 2.5% by weight, crosslinking agent, wherein the polymeric particles have a mean particle size of 35-60 micrometers, and a particle size distribution of between 15-110 micrometers,

wherein if the resin is extruded into a 0.125 inch thick sheet, the sheet has a Haze number as determined by ASTM D103 of at least 90%, an opacity as determined by ASTM D20805-80 of at least 10%, a minimum surface roughness of 0.5 um to 30 um as measured using ASTM methods B46.11 B361.2 and Y14.36 and a Total White Light Transmission of greater than 78.9 measured by a Hunterlab colorimeter D25 model using ASTM E1331 and ASTM E1163.--

--16. (amended three times) A resin comprised of:

a) 60 - 85% by weight, matrix comprised of polymethyl methacrylate; and

b) 15 - 40% by weight, highly crosslinked spherical polymeric particles comprised of:

15 - 35% by weight, styrene

65 - 85% by weight, methyl methacrylate 0.5-1.5% by weight, allyl methacrylate;

wherein the polymeric particles have a mean particle size of 25-55 micrometers, and a particle size distribution of between 15-110 micrometers, and

wherein if the resin is extruded into a 0.125 inch thick sheet, the sheet has a Haze number as determined by ASTM D103 of at least 90%, an opacity as determined by ASTM D20805-80 would be at least 10%, a minimum surface roughness of 0.5 um to 30 um as measured using ASTM methods B46.11 B361.2 and Y14.36 and a Total White Light Transmission of greater than 78.9 measured by a Hunterlab colorimeter D25 model using ASTM E1331 and ASTM E1163.--

--17. (amended three times) A resin comprised of:

a) 20 - 90% by weight, matrix comprised of polymethyl methacrylate or alkyl methacrylate/alkyl acrylate copolymer;

b) 0 - 50% by weight, modifiers; and

c) 5 - 40% by weight, highly crosslinked spherical polymeric particles comprised of about 0-100% by weight, styrene, 0-100% by weight, alkyl methacrylate, 0-100% by weight, alkyl acrylate and crosslinking agent wherein the polymeric particles have a mean particle size of 25-55 micrometers, and a particle size distribution of between 15-110 micrometers, and wherein if the resin is extruded into a 0.125 inch thick sheet, the sheet has a Haze number as determined by ASTM D103 of at least 90%, an opacity as determined by ASTM D20805-80 would be at least 10%, a minimum surface roughness of 0.5 um to 30 um as measured using ASTM methods B46.11 B361.2 and Y14.36 and a Total White Light Transmission of greater than 78.9 measured by a Hunterlab colorimeter D25 model using ASTM E1331 and ASTM E1163.--

REMARKS

Prior to this Response and Amendment the claims pending in the application were Claims 1(amended twice), 3, 4(amended), 5, 6(amended), 8(amended twice), 9(amended twice), 10, 11, 12(amended twice), 13, 14, 15(amended), 16(amended twice) and 17(amended twice). After amendment, the claims remaining in the application are Claims 1(amended three times), 3, 4(amended), 5, 6(amended), 8(amended twice), 9(amended twice), 10, 11, 12(amended three times), 13, 14, 15(amended), 16(amended three times) and 17(amended three times).